#### Customer No. 000959

MMI-005 Case Docket No.

#### THE COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

> "Express Mail" Mailing Label Number EL 931 674 302 US Date of Deposit December 14, 2001 I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, DC 20231

Signature

Viriato G. Cardoso Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s):

Jeanette McCarthy

For:

Diagnosis and Treatment of Vascular Disease

Enclosed are:

This is a request for filing a	□ continuation	☐ divisiona	al application under	37 CFR 1.	53(b), of pendir	ng prior applic	cation
serial no file	ed on	entitled		·			

X pages of specification, 22 pages of claims, 1 pages of abstract.

X 5 sheets of drawings.

X A Declaration, Petition and Power of Attorney.

 $|\mathbf{x}|$ An executed Assignment to Millennium Predictive Medicine, Inc.. A recordation form cover sheet (Form PTO 1595) is also enclosed.

 $\boxtimes$ Transmittal Letter for Diskette of Sequence Listing.

 $\boxtimes$ Diskette Containing Sequence Listing.

 $\boxtimes$ Sequence Listing (5 pgs.)

 $\boxtimes$ Preliminary Amendment (3 pgs. Including Version with Markings to Show Changes Made)

 $\mathbf{X}$ Application Data Sheet (2 pgs.)

X Return Postcard

FOR:

BASIC FEE

TOTAL CLAIMS

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)
NO. FILED	NO. EXTRA
///////////////////////////////////////	///////////////////////////////////////
149 20	- 129

INDEP. CLAIMS 35 - 3MULTIPLE DEPENDENT CLAIMS PRESENTED

#### SMALL ENTITY

RATE	FEE	<u>OR</u>
/////////	\$	<u>OR</u>
x 9=	\$	<u>or</u>
x 42	\$	OR
+140	\$	<u>OR</u>
TOTAL	0	<u>OR</u>

#### OTHER THAN

SMALL ENTITY

RATE	FEE
////////	\$ 740
x 18=	\$ 2304
x 84	\$ 2688
+280	\$ 280
TOTAL	\$6012.00

X	A check in the amount of \$_	\$6012.00	to cover the filing fee is enclosed
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 $\times$ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

X Any additional filing fees required under 37 C.F.R. 1.16.

Any patent application processing fees under 37 C.F.R. 1.17.

<sup>\*</sup> If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

# MMI-005

	The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.  A duplicate copy of this sheet is enclosed.			
		Any patent application processing fees under 37 C.F.R. 1.17.		
		The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R 1.311(b).		
		Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.		
X		k in the amount of \$_40.00 to cover the recording of assignment documents enclosed.		
X		s all future communications (May only be completed by applicant, or attorney or agent of record) Ann F. Smith, Esq. at Customer Number: 000959 whose address is:		
		Lahive & Cockfield, LLP		
		28 State Street		
		Boston, Massachusetts 02109		

Date: December 14, 2001

LAHIVE & COCKFIELD, LLP

Attorneys at Law

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jeanette McCarthy

Serial No.: Not Yet Assigned

Filed: Herewith

For: "Diagnosis and Treatment of Vascular Disease"

**Attorney Docket No.:** MMI-005

**Commissioner for Patents** 

**Box Sequence** 

Washington, D.C. 20231

## TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING

Dear Sir:

Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. §1.821. The material on this diskette is identical in substance to the sequence listing appearing on pages 1-5, of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. §1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of §1.824(d).

	Express Mail" mailing label number EL 931 674 302 US		
	Date of Deposit December 14, 2001		
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, U.S. Patent and Trademark Office, P.O. Box "2327, Arlington, VA 22202.			
	Signature		
1	Viriato G. Cardoso		
I	Please Print Name of Person Signing		
1			
1			

Date: December 14, 2001

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

DeAnn F. Smith, Esq.

By:

Reg. No. 36,683

Attorney for Applicant